

APPENDIX C11

The major part of the invention is in the packet filter function, the multicast recipient address conversion function(multicast NAT function) and the IP network inside separation using port numbers. The basic portion of encapsulation and decapsulation(first function) is disclosed in Embodiment 1 of the prior patent, the basic portion of priority control(third function) is in Embodiments 32 and 33 of the prior patent, the basic portion of multicast-control overflow line(fourth function-1) is in Embodiments 17 and 18 of the prior patent, and the basic portion of signature control is in Embodiments 21 of the prior patent. The present invention discloses a method of carrying out a combination of the packet filter and multicast NAT functions with the other function, wherein external and internal packets are disclosed within various embodiments.